

TREPENENKOV, I.I., kandidat tekhnicheskikh nauk, laureat Stalinskoy premii.

[Soviet developments in tractor engineering] Razvitie sovetskoi traktornoj  
tekhniki. Moskva, Izd-vo "Znanie," 1953. 41 p. (MIRA 6:8)  
(Tractors)

TREPENENKOV, I.I. [author]; KONOVALOV, P. [reviewer].

"Manual on tractors." I.I.Trepnenkov. Reviewed by P.Konovalev. MTS 13  
no.8:31-32 Ag '53. (MLJA 6:7)  
(Tractors)

TREPENENKOV, I. I.

TREPENENKOV, I. I.; PESTRYAKOV, A. I., redaktor; PETRUSHKO, Ye. I.,  
tekhnicheskiiy redaktor

[Concise tractor manual] Kratkii spravochnik po traktoram. Moskva,  
Gos. izd-vo sel'skokhoz. lit-ry, 1954. 175 p. [Microfilm] (MLRA 8:3)  
(Tractors)

TREPENENKOV, I.I.

[Short reference book on tractors] Kratkii spravochnik po traktoram.  
Moskva, Sel'khozgiz, 1954. 176 p. (MIRA 7:12D)

DOLMATOVSKIY, Yu.A.; TREPENENKOV, I.I.; VOL'FOVSKAYA, V.N., redaktor;  
PERESYPKINA, Z.D., tekhnicheskiiy redaktor

[Tractors and automobiles; brief reference manual] Traktory i avto-  
mobili; kratkii spravochnik. Moskva, Gos. izd-vo selkhoz. lit-ry.  
1954. 198 p. (MLRA 7:8)  
(Tractors) (Automobiles)

OZERSKIY, A.S.; TREPENENKOV, I.I.; ITS KOV, A.I. [deceased] redaktor;  
LETHEV, B.Ya., redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor

[The KD-35 and KDP-35 tractors] Traktory KD-35 i KDP-35. Moskva,  
Gos. izd-vo selkhoz. lit-ry, 1955. 454 p. (MIRA 8:6)  
(Caterpillar tractors)

LYZO, Georgiy Pavlovich, kandidat tekhnicheskikh nauk; LYZO, Aleksandr Pavlovich, kandidat tekhnicheskikh nauk; BARSKIY, Igor' Borisovich, kandidat tekhnicheskikh nauk; ZAYCHIK, G.I., doktor tekhnicheskikh nauk, professor, retsenzent; TREPENENKOV, I.I., kandidat tekhnicheskikh nauk, retsenzent; YAKOBI, M.A., kandidat tekhnicheskikh nauk, redaktor; SOKOLOVA, T.F., tekhnicheskij redaktor

[Tractor designs] Konstruktsii traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 559 p. (MIRA 10:1)  
(Tractors)

RAK, A.I.; ~~TRKPEENENKO~~ I.I., laureat Stalinskoy premii, kandidat tekhnicheskikh nauk; ~~CHERYAPIN~~, A.M., kandidat tekhnicheskikh nauk.

Caterpillar with three-lug links for the DT-54 tractor. Avt. i trakt.  
prom. no.3:9-10 Mr '56. (MLRA 9:7)

1.Khar'kovskiy traktorny zavod i Nauchno-issledovatel'skiy avtotraktor-  
tornyy institut.  
(Caterpillars (Vehicles))



TREPERENKOV, I.I.; CHERYAPIK, A.M.

Effect of some constructional factors on the wear of open joints  
with access of abrasives. Tren. i izn.mash. no.11:27-46 '56.

(MIRA 9:9)

(Mechanical wear) (Tractors)

DOLMATOVSKIY, Yuriy Aronovich; ~~TRUPENENKOV, Igor' Isidorovich; SMELYANSKIY, V.A., redaktor; PEVZNER, V.I., tekhnicheskii redaktor.~~

[Tractors and automobiles; a brief reference manual] Traktory i avtomobili; kratkii spravochnik. Izd. 2-oe, ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1957. 260 p. (MLRA 10:5)  
(Tractors) (Automobiles)

TREPENENKOV, I.I.

Development of types of tractors and self-propelled chassis. Trakt.  
i sel'khoz mash. no.12:6-10 D '59. (MIRA 13:3)

1. Nauchno-issledovatel'skiy avtotraktornyy institut.  
(Tractors)

TREPENENKOV, I.I., kand. tekhn. nauk

Selecting transmissions for agricultural tractors, Trakt. i sel'khoz mash.  
no. 7:4-8 J1 '64. (MIRA 18:7)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny institut.

TREPENENKOV, I.I., kand.tekhn.nauk; TEYTERBAUM, Z.I., inzh.

Tractors for 1965. Trakt. i sel khozmash. no.1:1-11 Ja '65.

(MIRA 18:3)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny  
institut.

TREPENENKOV, I.I., kand. tekhn. nauk; CHUDAKOV, D.A., doktor tekhn.  
nauk, prof., retsenzent; KOBYLYAKOV, L.M., inzh., red.;  
SMIRNOVA, G.V., tekhn. red.

[Operational indices of farm tractors] Ekspluatatsionnye  
pokazateli sel'skokhoziaistvennykh traktorov. Izd.2., ispr.  
i dop. Moskva, Mashgiz, 1963. 270 p. (MIRA 16:12)  
(Tractors)

TREPENENKOV, I.I., kand. tekhn. nauk; ANOKHIN, V.I., kand. tekhn. nauk

A new textbook on the theory of tractors and trucks. Trakt.  
i sel'khoz mash. 33 no.7:47-48 J1 '63. (MIRA 16:11)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skogo  
traktornogo instituta (for Trepenenkov). 2. Moskovskaya ordena  
Lenina sel'skokhozyaystvennaya akademiya im. Timiryazeva (for  
Anokhin).

TREFENENKOV, I.I., kand. tekhn. nauk

Measurements of the reliability of tractors and agricultural machines. Trakt. i sel'khoz mash. no.5:1-3 My '64.

(MIRA 17:6)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny institut.



KOVRIGIN, V.D.; LEVIKOV, G.A.; MOKSHANTSEV, F.P.; TREPENENKOV, I.I.,  
kand. tekhn. nauk, retsenzent; BUD'KO, V.A., inzh., red.;  
TIKHANOV, A.Ya., tekhn.

[Tractors of capitalist countries] Traktory kapitalisticheskikh stran; spravochnik. Moskva, Mashgiz, 1963. 421 p.  
(MIRA 16:9)

(Tractors)

IZOTOV, A.Ye.; TREPENENKOV, I.I.

Prospective types of tractors planned for production in 1966-1970.  
Trakt. i sel'khoz mash. 32 no. 12:4-9 D '62. (MIRA 16:3)  
(Tractor industry)

TREPENENKOV, I. I., kand. tekhn. nauk

Principal trends in the development of tractors. Mekh. i elek.  
sots. sel'khoz. 20 no.6:3-7 '62.

(MIRA 16:1)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktorny  
institut.

(Tractors)

BARSKIY, Igor' Borisovich, prof.; TREPENKOV, I.I., kand. tekhn. nauk,  
retsenzent; ANOKHIN, V.I., kand. tekhn. nauk, retsenzent;  
BINOVICH, Ya.Ye., kand. tekhn. nauk, red. [deceased];  
YEGORKINA, L.I., red. izd-va; EL'KIND, V.D., tekhn. red.

[Design of tractors] Konstruirovaniye i raschet traktorov.  
Moskva, Mashgiz, 1962. 375 p. (MIRA 15:4)  
(Tractors)

TREPENENKOV, I.I.

Types of tractors, self-propelled chasis, and engines for 1961-1965.  
Trakt. i sel'khoz mash. 31 no.1:4-6 Ja '61. (MIRA 14:1)

1. Nauchno-issledovatel'skiy avtotraktorny institut.  
(Tractors)

TREPENENKOV, I. I.

Traktory i Avtomobili; Kratkiy Spravochnik (by) Yu.  
A. Dolmatovskiy (1) I. I. Trepenenkov. Moskva, Sel'-  
Khozgiz, 19  
v. Illus., diags., tables, 20 cm.

MALASHKIN, Oleg Nikolayevich, kand.tekhn.nauk; TREPENENKOV, Igor' Isidorovich, kand.tekhn.nauk; KRYUKOV, V.L., red.; BALLOD, A.I., tekhn.red.; PROKOP'YEVA, L.N., tekhn.red.

[Manual for tractor drivers] Spravochnik traktorista v voprosakh i otvetakh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 351 p.  
(MIRA 14:1)

(Tractors)

DOLMATOVSKIY, Yuriy Aronovich; TREPENENKOV, Igor' Isidorovich; PESTRYAKOV,  
A.I., red.; PROKOP'YEVA, L.N., tekhn.red.

[Tractors and automobiles; brief manual] Traktory i avtomobili;  
kratkii spravochnik. Izd.3., ispr. i dop. Moskva, Gos.izd-vo  
sel'khoz.lit-ry, 1960. 364 p. (MIRA 14:1)  
(Tractors) (Automobiles)



TREPENENKOV, I.I., kand.tekhn.nauk

Methods of field tests for tractors. Mekh. i elek.sots.sel'-  
khoz. 1' no.3:22-26 '59. (MIRA 12:8)

1. Gosudarstvennyy soyuznyy nauchno-issledovatel'skiy traktornyy  
institut.

(Tractors--Testing)

SOV/137-57-1-1013

Translation from: Referativnyy zhurnal. Metallurgiya, 1957, Nr 1, p 130 (USSR)

AUTHOR: Trepnenkov, I. I.

TITLE: Improving the Service Life of Tractor Treads (Povysheniye dolgo-  
vechnosti gusenits traktorov)

PERIODICAL: V sb.: Povysheniye dolgovechnosti mashin. Moscow, Mashgiz,  
1956, pp 463-474

ABSTRACT: The service life (SL) of tractor treads (T) composed of cast links may be increased if certain technological and design measures, examples of which are given, are carried out. In the case of tractors intended for operations on black earth, the SL of cast T's with links made of steel LG-13 can be extended to 2-2.5 thousand hours by increasing the surface hardness of the track pins with the aid of HF induction heating. Operational tests carried out on T's with interchangeable bushings, as well as on T's with rubber-metal hinges, demonstrated that their SL does not increase. Compared with T's with permanent links, T's equipped with interchangeable links of modified design (increased thickness of components subjected to wear) exhibited a longer SL, particularly when operated on sandy soils.

Card 1/1

R. B.

T7 TREPPENKOV, Igor' Isidorovich

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Ekspluatatsionnyye Pokazateli Sel'skokhozyaystvennykh Traktorov  
(Operating Indices of Farm Tractors)  
Moskva, Mashgiz, 1959

191 P. Illus., Diagr., Graphs, Tables

Bibliography: P. 190

TREPENENKOV, I. I.

Problems of forming a complete range of tractors. Tr. from the Russian. p. 17.  
(ZEMEDEL'SKE STROJE, Vol. 2, No. 1, Jan 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

TREPENENKOV, Igor' Isidorovich, kand.tekhn.nauk; CHUDAKOV, D.A., prof.,  
doktor tekhn.nauk, retsenzent; FRUMKIS, I.V., inzh., red.;  
AVSHAROVA, Ye.G., red.izd-va; MODEL', B.I., tekhn.red.

[Operational indices of agricultural tractors] Eksploatatsionnye  
pokazateli sel'skokhoziaistvennykh traktorov. Moskva, Gos.nauchno-  
tekhn.izd-vo mashinostroit.lit-ry, 1959. 191 p. (MIRA 12:3)  
(Tractors)

TREPENENKOV, I.I.

AUTHOR: Kapitskiy, R.A., Engineer

SOV-117-58-8-26/28

TITLE: All-Union Conference on Problems of Designing and Producing Agricultural Machines (Vsesoyuznaya konferentsiya po voprosam konstruirovaniya i proizvodstva sel'skokhozyaystvennykh mashin)

PERIODICAL: Mashinostroitel', 1958, Nr 8, p 46 (USSR)

ABSTRACT: The All-Union Scientific Technical Conference on problems of of designing and producing agricultural machines was convened in Rostov-on-Don in January 1958. The plenary session heard the report of Candidate of Technical Sciences A.Z. Zhuravlev, on the results of the execution of the resolutions made by the conference in 1953. Candidate of Technical Sciences Ya.M. Zhuk, VIM, read a paper on "The Results of the Study of the Two-Phase Method of Combine Harvesting in the USSR and of the Requirements of the System of Machines Needed for this Method". Candidate of Technical Sciences I.I. Trepenenkov, NATI, read on "The Methods for the Development of the Designing of Agricultural Tractors"; Doctor of Technical Sciences M.A. Pustygin, VISKhOM, on "The Principal Problems of the Development of Cereal Harvesting Combines"; Engineer V.D. Lavrent'yev on "Specialization and Cooperation in the Production of Agricultural Machines"; Engineer O.M. Kotovich, VISKhOM, on

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SOV-117-58-8-26/28

All-Union Conference on Problems of Designing and Producing Agricultural Machines

"Rational Profiles and Reduction of Assortment of Rolled Metal in Agricultural Machinebuilding"; Engineer G.M. Fedorishchenko on "Results of the Work of VNIIMESKh in the Field of the Electric Drive of Mobile Agricultural Machines"; Engineer P.V. Savich from the Institute of Machine Science of the UkrSSR Academy of Sciences on "The Determination of the Density of Soils by Means of Radioactive Isotopes"; Candidate of Technical Sciences S.A. Alferov, VISKhOM, on "The Design of Foreign Cereal Harvesting Combines"; Engineer A.I. Malitskiy on "New Designs of Corn-Harvesting Combines"; Candidate of Technical Sciences Ye.S. Bosoy on "Field Tests of Cutting Apparatus for an Ensilage Harvesting Combine"; the professor of the Khar'kov Polytechnical Institute A.I. Petrusov on "Methods for the Further Investigation of the Square-Pit Sowing Machine"; the lecturer of the Rostov Institute of Railroad Transport Engineers A.I. Zelenov on "A New Method for Cold Electric Welding for the Restitution of Rejected Details of Agricultural Machines"; the lecturer of the Novocherkassk Polytechnical Institute Ye.L. Lokshin on "Processing of Metals by Hydraulic

Card 2/3

SOV-117-58-8-26/28

All-Union Conference on Problems of Designing and Producing Agricultural Machines

Blows of Ultrasound Frequency"; and the engineer of the Rostov Scientific Research Technological Institute D.M. Nabrodov on "New Methods of Casting in Agricultural Machine-Building". The conference recommended close cooperation between the designing bureaus, the scientific research organizations and the chairs of the various institutes for the development of new agricultural machines taking into consideration zonal differences. Special attention should be paid to the automation of the control of the various mechanisms.

1. Agricultural machines - Design
2. Agricultural machines - Production
3. Conferences - Agricultural machines - Rostov-on-Don

Card 3/3



TREPENENKOV, I.I., kand. tekhn. nauk.

Longitudinal stability of wheeled tractors. Trakt. i sel'khoz mash.  
no.3:1-4 Mr '58. (MIRA 11:8)

1. Nauchno-issledovatel'skiy avtotraktornyy institut.  
(Stability of tractors)

DESOV, A.Ye., doktor tekhnicheskikh nauk, professor, redaktor; TREPENENKOV,  
P.I., kandidat tekhnicheskikh nauk, nauchnyy redaktor; ROSTOVTSOVA,  
M.P., redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiiy redaktor

[Research in earthquake-proofing of buildings and structures]  
Issledovaniia po seismostoikosti zdani i sooruzhenii. Pod red.  
A.E.Desova. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture,  
1956. 118 p. (MLRA 9:11)

1. Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut  
promyshlennykh sooruzheniy.  
(Earthquakes and building)

ИЗВЕЩАНИЕ, N. 1.

Trepnenkov, R. I. "Certain problems of the industrialization of civil construction",  
Byulleten' stroit. tekhniki, 1948, no. 24, - p. 1-2.

SO: U-2888, 12 Feb. 53, (Letopis' Zhurnal 'nykh Statey, No. 2, 1949).

TREPENENKOV, R.I., kandidat tekhnicheskikh nauk, redaktor; PECHKOV-  
SKAYA, T.V., tekhnicheskiiy redaktor.

[Stakhanovite methods of concreting] Stakhanovskie metody v  
betonnykh rabotakh. Moskva, Gos. izd-vo lit-ry po stroit. i  
arkhit., 1952. 28 p. (MLRA 8:1)

1. Moscow. Tsentral'nyy institut informatsii po stroitel'stvu.  
(Concrete construction)

TREPENENKOV, R. I.

PA 243T40

USSR/Engineering - Construction,  
Methods

30 Oct 52

"Complex Mechanization of Concrete Placing Operations," R. I. Trepnenkov, Cand Tech Sci, TSILINS (Central Inst of Information of Construction)

"Byul Stroit Tekh" No 20, pp 11-13

Discusses preparation, transportation, and placing of concrete during construction of industrial structures of metallurgical plant. Central concrete plant producing annually 80,000 cu m of concrete was built in conformity with standard design of Stroyproektmeekhanizatsiya (Office for Mechanization

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of Construction Works). Describes design and discusses concrete placing into beam, 250 m long and 5.38 m high, which serves as a foundation under ore crane in blast-furnace division.

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TREPENENKOV, R.I., kandidat tekhnicheskikh nauk.

[Efficient forms of reinforcement for reinforced concrete construction]  
Effektivnye vidy armatury zhelezobetonnykh konstruktsii. [Rabota sostavlena  
R.I.Trepnenkovym] Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture.  
1953. 10 p. (MLRA 6:10)  
(Reinforced concrete construction)

PASTERNAK, Petr Leont'yevich, doktor tekhnicheskikh nauk, professor:  
TREPENENKOV, R.I., dotsent, kandidat tekhnicheskikh nauk, nauch-  
nyy redaktor; BERDICHEVSKIY, G.I., kandidat tekhnicheskikh nauk,  
redaktor; TOKER, A.M., tekhnicheskiiy redaktor.

[Principles of the new method of calculations for foundations  
on elastic soils with two bedding coefficients] Osnovy novogo  
metoda rascheta fundamentov na uprugom osnovanii pri pomoshchi  
dvukh koeffitsientov posteli. Moskva, Gos. izd-vo lit-ry po  
stroitel'stvu i arkhitekture, 1954. 55 p. (MIRA 8:1)  
(Foundations)

PANYUTIN, A.G., professor, doktor tekhnicheskikh nauk; SERI, L.A., doktor tekhnicheskikh nauk, professor, retsenzent; TREPENENKOV, R.I., kandidat tekhnicheskikh nauk, dotsent, nauchnyy redaktor; ROSTOVTSOVA, M.P., redaktor; PERSON, M.N., tekhnicheskii redaktor

[Fundamentals of building] Osnovy stroitel'nogo dela. Izd. 4-e, perer. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1954. 326 p. (Building) (MLRA 7:10)



~~TRETYAKOV~~, R.I.; kandidat tekhnicheskikh nauk, redaktor; BERDICHEV-  
SKIY, G.I.; redaktor; DAKHNOV, V.S., tekhnicheskiiy redaktor.

[Studies; reinforced concrete structures] Issledovaniia; zhelezo-  
betonnye konstruktsii. Moskva, Gos.izd-vo lit-ry po stroitel'stvu  
i arkhitekture. 1955. 160 p. (MLRA 8:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut po  
stroitel'stvu.

(Reinforced concrete construction)

TREPENENKOV R.I.

OSIPOV, Lev Georgievich, kandidat tekhnicheskikh nauk; TUFFEL', N.A.  
dtsent, retsenzent; TREPENENKOV, R.I., kandidat tekhnicheskikh  
nauk, redaktor; TUMAKIN, D.M., inzhener, redaktor; TOKER, A.M.  
tekhnicheskii redaktor.

[Building] Stroitel'noe delo. Izd. 2-oe perer. Moskva, Gos. izd-vo  
lit-ry po stroitel'stvu i arkhitekture, 1955. 390 p. (MLRA 9:1)  
(Building)

TREPENEVSKY, R. I.

STUDENTSOV, Porfiry Nikolayevich; TREPENEVSKY, R. I., kandidat tekhnicheskikh nauk; nauchnyy redaktor; YEGOROVA, N. O., redaktor izdatel'stva; STE-  
PANOVA, E. S., tekhnicheskiy redaktor

[Concrete walls with slotted cavities] Betonnye steny so shchelevid-  
nymi pustotami. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekt.,  
1957. 62 p. (MIRA 10:4)

(Walls) (Concrete construction)

*TREPLENENKO, R. I.*

TURKIN, V.S., redaktor; ~~TREPLENENKO, R.I.~~, kandidat tekhnicheskikh nauk,  
nauchnyy redaktor; BORODINA, I.S., redaktor izdatel'stva; EL'KINA,  
M.M., tekhnicheskiy redaktor

[Manufacture and use in construction of large elements made of  
cellular and other lightweight concretes] Proizvodstvo i primenie  
v stroitel'stve krupnorazmernykh konstruktsei iz ischeistyykh i  
drugikh legkikh betonov. Pod red. V.S.Turkina. Moskva, Gos. izd-vo  
po stroit.i arkhitekt., 1957. 146 p. (MIRA 10:9)

1. Akademiya stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'-  
skiy institut betona i zhelezobetona. 2. Chlen-korrespondent Akademii  
stroitel'stva i arkhitektury SSSR (for Turkin)  
(Lightweigh concrete) (Precast concrete construction)

OSIPOV, R.I.

OSIPOV, Lev Georgiyevich, kandidat tekhnicheskikh nauk; SERBINOVICH, Pavel Petrovich, inzhener; KRASENSKIY, Viktor Yevgen'yevich, inzhener; PREDTECHENSKIY, V.M., kandidat tekhnicheskikh nauk, retsenzent; TREPENENKOV, R.I., kandidat tekhnicheskikh nauk, nauchnyy redaktor; KOTIK, B.A., redaktor izdatel'stva; PERSON, M.N., tekhnicheskiy redaktor

[Public and industrial buildings] Grazhdanskie i promyshlennye zdaniia. Moskva, Gos.izd-vo lit-ry po stroit. i arkhitekt., Pt.1. [Architectural and structural designs and building elements] Arkhitekturno-konstruktivnye skhemy i elementy zdaniia. Pod obshchei red. L.G.Osipova. 1957. (MLRA 10:9)  
375 p. (Building)

*TREPMENKOV R.I.*

KARPUKHIN, Nikita Sergeyevich, dotsent, kandidat tekhnicheskikh nauk;  
ZHDANOV, A.P., dotsent, kandidat tekhnicheskikh nauk, retsenzent;  
MURASHEV, V.I., professor, redaktor; TREPMENKOV, R.I., dotsent,  
kandidat tekhnicheskikh nauk, nauchnyy redaktor; KOTIK, B.A.,  
redaktor izdatel'stva; GUSEVA, S.S., tekhnicheskiy redaktor

[Reinforced concrete structures] Zhелеzobetonnye konstruktsii. Izd.  
2-oe, perer. Pod red. V.I. Murasheva. Moskva, Gos. izd-vo lit-ry  
po stroit. i arkhitekt., 1957. 442 p. (MLRA 10:10)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury  
(for Murashev)  
(Reinforced concrete construction)

USTRASHKIN, P.Ye., red.; TREPENENKOV, R.I., kand. tekhn. nauk,  
nauchn. red.

[Design and planning of the shops of chemical plants]  
Proektirovanie tsekhov khimicheskikh zavodov. Moskva,  
Stroiizdat, 1964. 97 p. (MIRA 18:2)

MURASHEV, Vasilii Ivanovich, doktor tekhn. nauk, prof.[deceased];  
SIGALOV, Emmamuil Yevseyevich, kand. tekhn. nauk, dots.; BAYKOV,  
Vitaliy Nikolayevich, kand. tekhn.nauk, dots. ~~Prinimal uchastiye~~  
MILOVANOV, A.F., kand. tekhn. nauk; PASTERNAK, P.L., doktor tekhn.  
nauk, prof., red.; ~~TREPENENKOV, R.I.,~~ kand. tekhn. nauk, dots.,  
nauchnyy red.; BEGAK, B.A., red. izd-va; MOCHALINA, Z.S., tekhn.red.  
[Reinforced concrete elements]Zhelezobetonnye konstruktsii; obshchii  
kurs. Pod red. P.L.Pasternaka. Moskva, Gosstroizdat, 1962. 658 p.  
(MIRA 15:10)

(Precast concrete)



TREPENENKOV, Roman Isidorovich, dots., kand. tekhn. nauk; SHTAYERMAN, M.Ya.,  
prof., doktor tekhn. nauk, retsenzent; DOVZHIK, G.A., inzh., retsen-  
zent; BAGUZOV, N.P., kand. tekhn. nauk, nauchnyy red.; YEGOROVA, I.O.,  
red. izd-va; NAUMOVA, G.D., tekhn. red.

[Album of drawings of structural elements and details of industrial  
buildings] Al'bom chertezhei konstruktssii i detalei promyshlennykh  
zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. ma-  
terialam, 1961. 91 p. (MIRA 14:12)  
(Industrial buildings) (Building--Details)

SIGALOV, Emmanuil Yevseyevich; STRONGIN, Semen Grigor'yevich; NOVIKOV, Ya.A., kand.tekhn.nauk, retsenzent; BEDNYAKOV, N.P., inzh., retsenzent; TREPKIN, R.I., kand.tekhn.nauk, nauchnyy red.; GORYACHEVA, T.V., red.izd-va; GILENSON, P.G., tekhn.red.

[Reinforced concrete structures] Zhelozobetonnye konstruktsii.  
Moskva, Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam,  
1960. 386 p. (MIRA 14:4)

(Reinforced concrete)

SAKHNOVSKIY, Konstantin Viktorovich, prof., doktor tekhn.nauk; KELDYSH,  
V.M., prof., doktor tekhn.nauk, retsenzent; TREPENENKOV, R.I...  
dotsent, kand.tekhn.nauk, nauchnyy red.; KOTIK, B.A., red.  
izd-va; GILENSON, P.G., tekhn.red.

[Reinforced concrete structures] Zhelzobetonnye konstruktsii.  
Izd. 8., perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i  
stroit. materialam, 1959. 839 p. (MIRA 12:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury  
SSSR (for Sakhnovskiy, Keldysh).

(Reinforced concrete construction)

Steam Plant

B

621.175 : 621.311.22  
490. The importance of cooling towers in the electricity supply industry. J. TRAPSKIL. *Energetika*, 1, 141-48 (No. 4-5, 1951) in Czech.

The importance of providing cooling water of sufficiently low temperature is discussed numerical examples being given on the loss of generation capacity and higher fuel consumption due to the fact that the cooling water is warmer by a few deg C. The efficiency and capacity of many older power stations can be increased by paying more attention to the cooling towers and in some cases the performance of such towers can be substantially improved only by installing blowers. Use of cooling towers with blowers and reduction of the cooling water temperature to 17-20°C in new power stations (instead of 27°C) would result in a net increase of the capacity of 3.5 to 4.5%. The author considers that cooling towers with blowers are preferable to natural draught cooling towers of the type used in Britain.

E. GROSS

ТРЕПЕТОВ, Б.

KASSIN, Ye.; TREPETOV, B.

Spectators at an exhibition; practice of young photographers.  
Sov. foto 18 no.5:20-22 My '58. (MIRA 11:5)  
(Photography, Journalistic)

TREPETSOV, Ye.V. (Moskva)

Development of gullies in the Ob region [with summary in English].  
Pochvovedenie no.5:42-51 My '58. (MIRA 11:6)  
(Ob Valley--Erosion)

SCV/98-59-5-20/21

14(10)

AUTHOR: Trepetsov, Ye.V., Candidate of Geological and Mineralogical Sciences

TITLE: Chronicle - Problems Pertaining to the Study of Transformation of the Reservoir Banks

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 5, pp 61-63 (USSR)

ABSTRACT: The article covers the 6th annual meeting of the Beregovaya sektiya Okeanograficheskoy komissii AN SSSR (Bank Section of the Oceanographical Committee of the AS USSR) which took place in Moscow in 1958. It was chiefly dedicated to the erosion phenomenon of the reservoir banks. The next annual meeting of the above organization will be organized on a broader basis, with the Odessa gosudarstvennyy universitet imeni I.I. Mechnikova (Odessa State University imeni I.I. Mechnikov) and the Gosudarstvennyy proyektnyy institut "Chernomorproyekt" (State Planning Institute "Chernomorproyekt") taking part in it. The

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SOV/98-55-5-20/21

Chronicle - Problems Pertaining to the Study of Transformation of  
the Reservoir Banks

coming meeting will be held in Odessa in summer 1959. As for the 6th annual meeting, the following reports or statements were made: 1) G.S. Zolotarev, Moskovskiy gosudarstvennyy universitet imeni V.M. Lomonosova (Moscow State University imeni V.M. Lomonosov), lectured on "Chief Findings in the Study of Bank Transformation in the Kuybyshev Reservoir"; 2) L.P. Rozovskiy lectured on "Studies of the Odessa State University on the Reservoir Problem"; 3) I.A. Akimov and K.O. Lange, Institut geografii AN SSSR (Institute of Geography of the AS USSR), made a statement on the Rybinskoye and Tsimlyanskoye reservoirs; 4) F.Z. Zubenko, Laboratoriya aerometodov AN SSSR (Laboratory of Aerial Methods of the AS USSR), recommended the use of aerial survey on a 1:10,000 scale to study the banks of the Tsimlyanskoye reservoir; 5) S.L. Vendrov, Giprorrechtrans, pointed out that the morphology of the reservoir's bowl must be studied first; 6) N.A. Lab-zovskiy, Leningradskiy filial Hidroprojekta (Leningrad

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SOV/98-59-5-20/21

Chronicle - Problems Pertaining to the Study of Transformation of  
the Reservoir Banks

Branch of the Gidroyekt), lectured on calculation of bank transformation; 7) S.S. Avedikov, Azdonrybvod, reported on the Proletarskoye reservoir, Manych river, and stressed the importance of planting trees along its banks; 8) Belovich, Institut lesnogo khozyaystva AN USSR (Institute of Forestry Economics of the AS UkrSSR), lectured on the willow growth and their favorable effect on the banks of the Kakhovskoye reservoir; 9) Ye.V. Trepetsov, VSEGINGEO, also recommended the use of aerial surveying; and 10) A.V. Karaushev, Gosudarstvennyy gidrologicheskiy institut (State Hydrological Institute), pointed out that the hydrological factors in bank transformation are not investigated enough to be relied upon.

ASSOCIATION: VSEGINGEO

Card 3/3

TREPETTSOV, Ye. V.

Characteristics of landslides in the upper Ob' Valley as  
revealed by engineering geology. Vop. gidrogeol. i inzh. geol.  
no.20:141-148 '62. (MIRA 16:4)

(Ob' Valley--Landslides)

TREPETTSOV, Ye.V.

Suffossion sinkholes in the riparian part of the Ob' Plateau  
and their characteristics from the viewpoint of engineering  
geology. Trudy VSEGINGEO no. 1:15-23 '63. (MIRA 17:5)

TREPETTSOV, Ye.V.

Characteristics of loess-type loams in the vicinity of  
Barnaul from the point of view of engineering geology.  
Vop.gidrogeol. i inzh.geol. no.19:72-79 '61. (MIRA 15:2)  
(Barnaul region—Soils)

TRITKA, A.

100,000 kilometers per hour! p. 8

SKRZYDLATA POLSKA. (Ligo Lotnicza) Warszawa, Poland. Vol. 11, no. 26, June 1955.

Monthly List of East European accession (EEI), LC. Vol. 8, No. 9, September, 1959. Uncl.

TREFFA, A.

Astronautics and law.

p. 8 (Skrzklata Polska. Vol. 13, no. 44, Oct. 1957. Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2,  
February 1958

82226

P/007/60/000/31/01/001

10.2000A

AUTHOR: Trepka, Andrzej

TITLE: The First Polish Experimental Plasma Rocket Engine

PERIODICAL: Skrzydlata Polska, 1960, No 31, pp 5 and 15 <sup>23</sup>

TEXT: This article contains a press interview given by Professor Zbigniew Pączkowski, Director of the Katedra Mechaniki Stosowanej (Department of Applied Mechanics) of the Warsaw Polytechnic, who explains the operating principle of the first Polish experimental plasma rocket engine. During the last few months Master of Engineering Leonard Wolski, Professor Zbigniew Pączkowski, Doctor Zygmunt Fonberg and Master of Engineering Stanisław Kochański have built a number of experimental plasma rocket engines and a complete set of scientific test apparatuses, among them a tensiometric device measuring optically the pull of the plasma rocket with an accuracy to one gram. All of these experimental engines are arc type, and the speed of positive argon ions was about 7,000 m/sec. By using hydrogen as fuel the speed of ions reached 44,000 m/sec. To raise the operating tension would not be particularly difficult (at the moment the tension used is 100 v); this increase in tension would give a speed of several 100,000 m/ <sup>4</sup>

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82226

P/003/60/000/31/01/001

The First Polish Experimental Plasma Rocket Engine

sec to the positive ions. Further, the author defines the word "plasma" and outlines a number of possibilities where the plasma rocket engine may be used. There are 2 photographs. 4

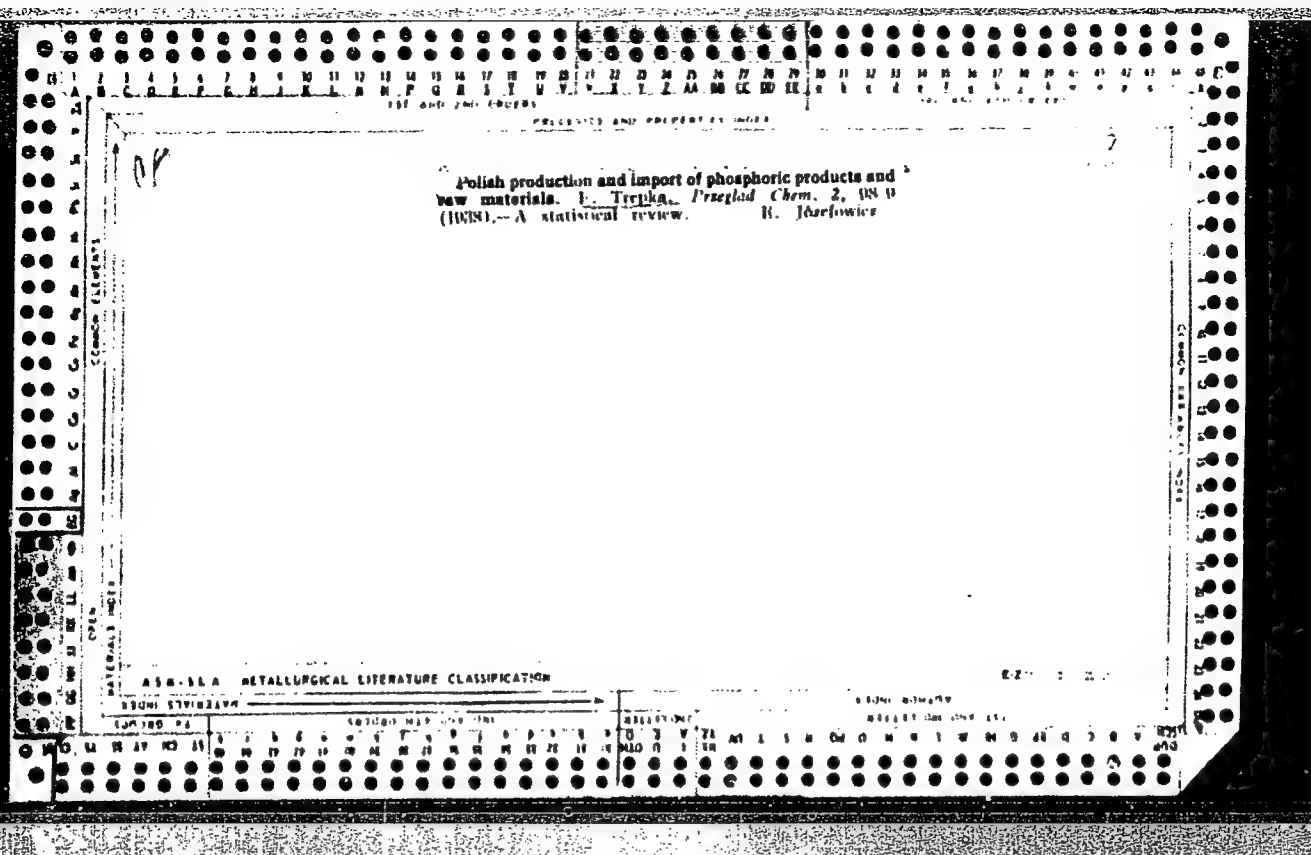
Card 2/2



CH

13

/ World chemical developments. E. Trepka. *Przenysl Chem.* 6(29), 65-70(1950); cf. C.I. 43:49714. Recent developments and changes in the chem. industries of various countries are reviewed and discussed. E. G.



TREPKA, Edmund, prof. dr

Reactive dyes. Problemy 19 [i.e. 20] no. 2:74 '64.

TREPKA, Edmund

"History of chemistry and chemical industry" by Eugeniusz Kwiatkowski. Reviewed by Edmund Trepka. Kwart hist nauki i tech 8 no.1:95 '63.

TREPKA, Edmund; ZYZKA, Danuta

Flat printing on fabrics. Przem chem 40 no.7:396 JI '61.

TREPKA, Edmund, prof.dr.

Inventiveness. Problemy 19 no.1:2-9 '63.

TREPKA, Edmund.

Association of colorists. Przegl włokien 16 no.4:240-241 Ap '62.

TREPKA, Edmund, prof. dr

Alkaloid with sulfur. Problemy 19 no.3:191 '63.



TREPKA, E.

E. Kwiatkowski's  
(Modern Industrial Chemistry, Its Bases and Directions of Development)  
a Book Review. p. 1220.

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa / <sup>AbLAD</sup> Vol. 32, no. 5, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959

UNCL.

TREPKA, E.

Chemistry at the Universal and International Exhibition in brussels. p. 752

WIADOMOSCI CHEMICZNE. (Polski Towarzystwo Chemiczne)  
Wroclaw. Vol. 12, no. 11, Nov. 1958  
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, no. 6, June 1959  
Uncl.

TREPKA, F.

Hundredth anniversary of the discovery of mauvein. p. 339.

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

TREPKA, E.

"Achievements of the World's Chemical Industry." P. 99. (PRZEMYSŁ CHEMICZNY,  
Vol. 10, No. 2, Feb. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,  
No. 1, Jan. 1955 Uncl.

TREPKA, E.

Discovery of synthetic dyes, p. 338. (HORYZONTY TECHNIKI, Warszawa, Vol. 7, no. 7, July 1954.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955, Uncl.

TRETKA, EDWARD.

Jakub Natanson. Warszawa. Panstwowe Wydawn. Naukowe (1955) 76 p. (Jakub Natanson.  
port.)

MIDW Not in DLC

So: Eastern European Accession. Vol 5, no. 4, April 1956

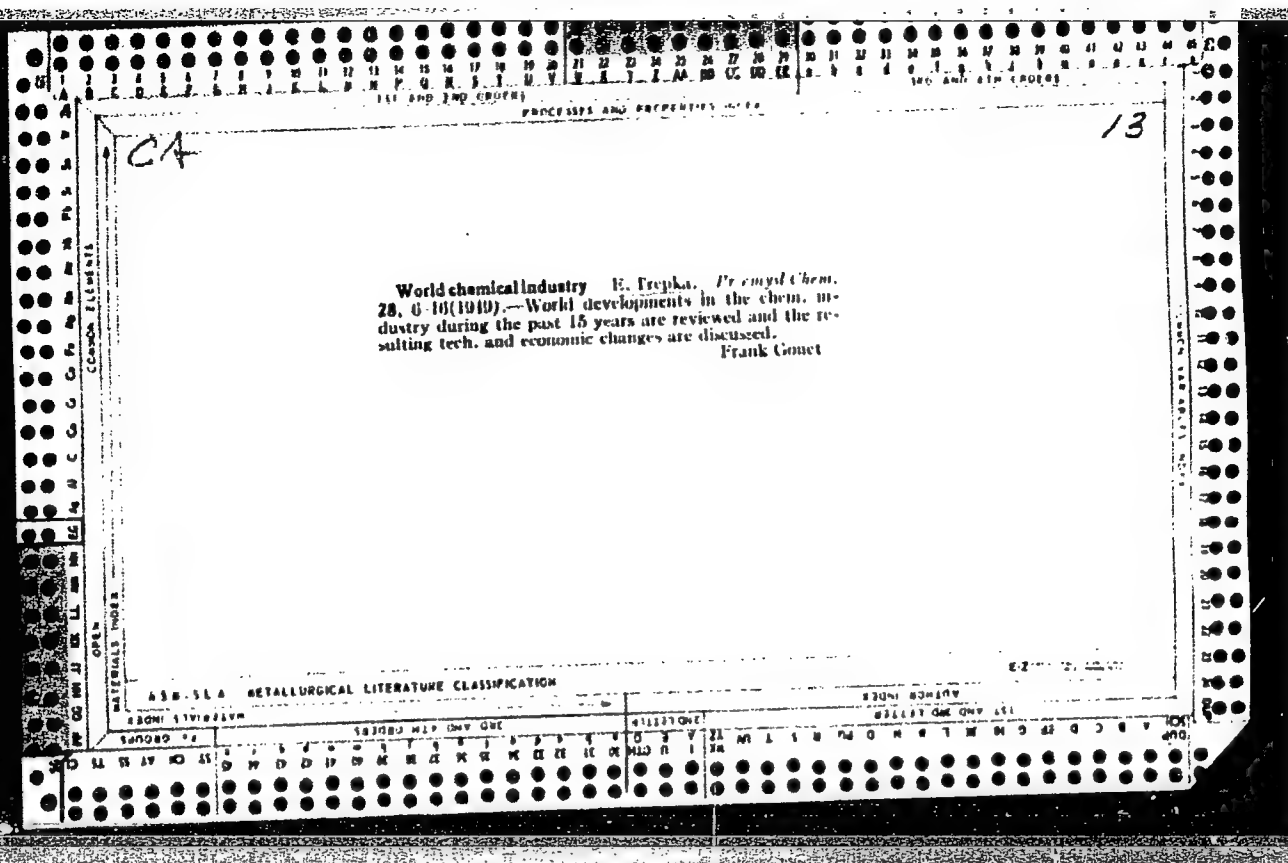
Lithographic print on fabrics. Edmund Trepiński (Politech Inst. Łódź, Poland. *Zeszyty Nauk Politech* T. 14 No. 6, Chem. No. 2, 53-6, 1970) (English summary) - Expts. were undertaken to develop a method of a "flat" print on fabrics consisting of the use of a lithographic plate and a color pigment printing. The color pigments of the "water insoluble" type, i.e. water solub. are dispersed in an org. solvent. Although such dyes possess a no. of disadvantages, they are required by the lithographic printing. Mixts. of special synthetic resins serve as fixing agents of pigment printing with fabrics. Half-condensate of polyvinyl, polyacrylic, urea-formaldehyde, melamine-formaldehyde, and alkyl resins can be used. C.H.  
P. J. Hendel

ZYTKA, Danuta; TREPKA, Edmund

Flat printing on fabrics. Przem chem 41 no.3:151-156 Wr '62.

1. Zaklad Technologii Wlokn i Farbiarstwa Politechniki Lodzkiej





*B. ab.*

*B1-Chemical Engineering;  
Plant, Machinery. (9-General)*

Transformation of world chemical industry. S. I. Iosad. (U.S.S.R.)  
Advances since 1934 are reviewed.  
R. TRUMBULL

*Bu. ab.*

*B1 - Chemical Engineering;  
Plant, machinery. (Q-General)*

Transformation of world chemical industry. E. T. Topham. 1970.  
Advances since 1934 are reviewed.  
R. T. Topham

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
<p>ca</p> <p>25</p> <p>New trends in dyeing. <i>Przemysl Chem. 3, 467-67(1947).</i> - New trends in the application of dyes are described and modern dyeing methods reviewed. Prank Gouet</p>																																																			
<p>ASTM-SLA DETAILING LITERATURE CLASSIFICATION</p>																																																			

*18*

Demand for sulfur and its compounds in Poland. E.  
Tropka and T. Zamoyaki. *Przeegląd Chem.* 2, 504-6  
(1938).—A statistical review for the years 1933-37 illus-  
trated by 14 graphs. E. Józefowicz

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

Technical advances of Polish chemical industry in the  
last 40 years. E. Lipka. Rozprawy chem. 19, 1: 67  
(1969). Review.                      M. Wojciechowski

1ST AND 2ND TOPERS  
PROCESSOR AND PROPERTIES INDEX  
1ST AND 2ND BOTTOMS

CA 2

COMMON ELEMENTS  
COMMON MATERIALS INDEX

WIKTOR SOMMER (1886-1947). H. Treppner-Kocinski  
Chem. 21, 92-3(1947).—An obituary with portrait.  
H. H. Samant

ABN-564 METALLURGICAL LITERATURE CLASSIFICATION  
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TREPKA, Edmund, prof. dr inz.

Enigmatic episodes in the history of chemistry. Chemik  
16 [i.e.17] no. 4:137-138 Ap '64.



TREPKA, Edmund, prof. dr inz.

The first two Polish textbooks on chemistry. Chemik 16 no.4:  
101-104 Apr '63.

TREPKA, Edmund, prof. dr

Chemical entries in the first volume of the new [Polish]  
Great Universal Encyclopedia. Problemy 19 no.6:396-397 '63.

TREPKA, Edmund, prof. zw., dr. (Warszawa)

Formation of the Polish chemical terminology. Wiad chem 17 no.9:  
507-520 S '63.

UHER, M.; TREPL, J.

On the 60th birthday of Prof. Havlaseky. Cesk. gyn. 26[40] no.6:  
409-417 ~~JA~~1961.

(BIOGRAPHIES)

SHLYAMIN, A.I., kand.tekhn.nauk; DUBOVA, T.N., kand.tekhn.nauk;  
Prinimali uchastiye: MADATOV, N.M., inzh.; TREPOV, P.V., inzh.;  
KUSHNAREV, D.M., kand.tekhn.nauk; ZOGAN, Yu.A., inzh.

Semiautomatic underwater welding. Svar. proizv. no.7:25-28  
Jl '61. (MIRA 14:6)  
(Underwater welding and cutting)

MADATOV, N.M., inzh.; TREPOV, P.V., inzh.

Electrode holder with spark arresting chamber for underwater oxy-electric cutting of steel. Svar. proizv. no.2:37-38 F '61.

(Underwater welding and cutting)

(MIRA 14:1)

8/135/61/000/002/010/012  
A006/A001

AUTHORS: Madatov, N. M., Trenov P. V., Engineers

TITLE: Electrode Holder for Submerged Oxygen-Arc Cutting of Steel With Spark Extinguishing Chamber

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 2, pp. 37-38

TEXT: Practice has shown that in submerged oxygen arc welding of steel, burning of the rubber packing and adjacent parts of the welding head occurred in spite of an improved technology used (first oxygen supply - then arc ignition). This deficiency is due to the violation of the established operational sequence. As a result, at the moment of arc ignition the molten metal splashes into the electrode channel and reaches the rubber packing of the welding head. Experiments have shown that burning of the rubber packing can be reduced by employing an insulated metallic chamber collecting and extinguishing the sparks. As a result, the ЗКД-4-60 (EKD-4-60) electrode holder was designed (Figure 2), with a spark extinguishing chamber, without a reverse valve, and with smaller dimensions of the rubber packing mounted separately from the textolite head body. Results of comparison tests made with the new and the former EKD-4 electrode holder (Table)

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S/135/61/000/002/010/012  
A006/A001

# Electrode Holder for Submerged Oxygen-Arc Cutting of Steel With Spark Extinguishing Chamber

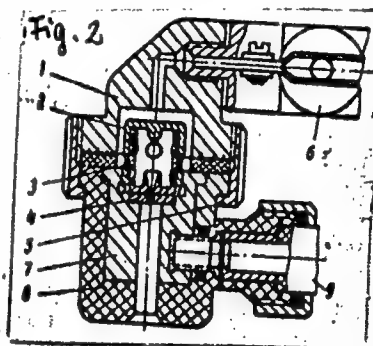
showed that the durability of the EKD-4-60 holder was higher by a factor of 6. Only the rubber packing of the electrode tip was burnt; burning of adjacent parts was practically eliminated. The tip packing can be easily replaced. The new device is lighter, more compact and more reliable in operation than the former electrode holder.

Figure 2

Figure 2:

The EKD-4-60 electrode holder;

1 - head; 2 - spark-extinguishing chamber cap; 3 - spark-extinguishing chamber; 4 - rubber packing of electrode tip; 5 - cap nut; 6 - oxygen valve; 7 - contact bushing; 8 textolite nozzle; 9 - current connecting cable.



Card 2/3



S/135/61/000/002/010/012  
A006/AC01

Electrode Holder for Submerged Oxygen-Arc Cutting of Steel With Spark Extinguishing Chamber

Table

Type of electrode holder	Technological system of conducting the cutting process	Number of ignitions	Suitability of electrode holder after the test
EKD-4-60	Beginning: oxygen-arc Completion: arc-oxygen	1000	Suitable
	Beginning: arc-oxygen Completion: oxygen-arc	120; 300 666	The rubber packing burnt out and needed to be replaced
EKD-4	Beginning: oxygen-arc Completion: arc-oxygen	100	Suitable
	Beginning: arc-oxygen Completion: oxygen-arc	57	Not suitable (burnt)

There are 2 figures and 1 table.

Card 3/3

TREPKOVA, E.

TECHNOLOGY

PERIODICALS: PRUNYSL POTRAVIN Vol. 9, no. 12, Dec. 1958

VONASEK, F.: TREPKOVA, E.: HLADIK, A. Analysis of new dyes approved  
for use in the food industry. p. 645

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5  
May 1959, Unclass.

TREPOV, A.P.; RON', F.N.; LEYRIKH, V.M., kand.tekhn.nauk., red.; TRUBINO,  
S.M., red.; LAPTEVA, L.M., red.; DEMIDOV, Ya.F., tekhn.red.

[Making large silicate blocks with slotlike openings] Izgotovlenie  
krupnykh silikatnykh blokov so shchelevidnymi pustotami. Moskva,  
Otdel nauchno-tekhn.informatsii, 1957. 45 p. (MIRA 12:1)  
(Building blocks)

ТРЕПОВ, А.П., инженер (Куйбышев)

Manufacturing large silica blocks. Stroi.prii.neft.prom.1 no.6:  
9-10 Ag '56. (Building blocks) (MLRA 9:9)